BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Drains and providing grills at BB Road in Kempegowda Ward No-01

Sanctioned Estimate Amount: Rs. 7,000,000.00

Sanctioned Tender Amount: Rs. 6,545,409.00

Tender Premium: Above 4.75%

Name of the Contractor: Sri.Y.B Ramesh

COMPARATIVE STATEMENT

Sl. No.	Description of Item	Unit	As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	Earthwork excavation for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications	Cum	38.93	589.11	22934.05	0.00	0.00	589.11	0.00				0.00		22934.05	-
2	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.	Cum	7.79	6152.06	47924.55	0.00	0.00	6152.06	0.00				0.00		47924.55	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
3	roviding and laying in osition reinforced cement oncrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded te metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of	Cum	28.20	7265.39	204884.00	0.00	0.00	7265.39	0.00				0.00		204884.00	-
4	Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.	Tonne	2.82	88249.32	248863.08	0.00	0.00	88249.32	0.00				0.00		248863.08	-

	Description of Item	Unit	As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
	roviding and removing entering, shuttering, trutting, propping etc., and oval of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm	148.80	330.34	49154.59	0.00	0.00	330.34	0.00				0.00		49154.59	-
6	Fabricating, providing and erecting in positiort of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat or alriound frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrow head at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work	Sqm	260.40	9578.49	2494238.80	243.60	243.60	9578.49	2333320.16				2333320.16		160918.63	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
7	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.	Sqm	276.00	6811.56	1879990.56	339.60	339.60	6811.56	2313205.78		69528.02	0.00	2313205.78	433215.22		
8	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	101.40	225.51	22866.71	134.60	126.75	225.51	28583.39	7.85	225.51	1770.84	30354.23	7487.52		
9	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3	Sqm	676.00	6.66	4502.16	841.49	841.49	6.66	5604.29				5604.29	1102.13		

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
0	Construction of embankment with approved material Gravel/Murrum with all lifts ~~leads~~, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305	Cum	338.00	360.86	121970.68	334.30	334.30	360.86	120634.87				120634.87		1335.81	
11	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	67.60	2096.34	141712.58	84.15	84.15	2096.34	176403.87				176403.87	34691.28		

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
12	roviding and laying Plain ement concrete of mix 1:3:6 OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100	Cum	101.40	5950.42	603372.59	126.22	126.22	5950.42	751078.38				751078.38	147705.79		
13	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation	Cum	101.40	5901.90	598452.66	128.16	126.75	5901.90	748065.83	1.41	5901.90	8337.91	756403.73	157951.07		

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
14	roviding and laying ituminous concrete 40mm hick with hot mix plant, using rushed aggregates of fied grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	11.68	8950.53	104542.19	0.00	0.00	8950.53	0.00				0.00		104542.19	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
	IRL-ITEMS															
1	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate	Sqm				13.50	13.50	2448.01	33048.10				33048.10	33048.10		-
E-2	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(KPWD SR 2018-19, Page No.27, Item No.5.30)	Nos				33.00	33.00	453.02	14949.75				14949.75	14949.75		

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		Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (KPWD SR 2018-19, Page No.180, Item No.24.1)	Sqm				5.25	5.25	88.83	466.35				466.35	466.35		-
TOTAL				6545409.00								6535470.00	830617.00	840557.00	

Total Sanctioned Tender Amount	**Rs. 6,545,409.00**
Total cost of the project after Work slip and EIRL	**Rs. 6,535,470.00**
Net Savings Amount of Work Slip & EIRL	**Rs. 9,939.00**
Total % Savings to the Tendered Amount	**0.152%**

Hence there is no Extra Financial Implication to BBMP, kindly approve the WORKSLIP proposal

Assistant Engineer
Ward No.01
BBMP

Assistant Executive Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

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